## SEQUENCE LISTING

<110> Bristol-Myers Squibb Company <120> POLYNUCLEOTIDE ENCODING A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGPRBMY25, EXPRESSED HIGHLY IN IMMUNE-RELATED TISSUES <130> D0126 NP <150> US 60/270,134 <151> 2001-02-21 <150> US 60/278,952 <151> 2001-03-27 <160> 69 <170> PatentIn version 3.0 <210> 1 <211> 1567 <212> DNA <213> homo sapiens 1 <220> <221> CDS <222> (537)..(1523) <400> 1 ucacgegtee gataattaet aagtacaggg teecaaatta gaatetatte caacttaaag 60 gacaagaaaa aaaaagtcca agattaccca gtgaactatg tttgtagttt gtgtcaccaa 120 actgatagtc acgcctaatt tcttcttata ctccataaaa gacagtgtgt atgtatgtgt 180 gtgtgtttct ttgtgtgtat gtatgtattc aggtatatgt gtatagcctt agctaggaga 240 caattctagt ttatctaaag gcttatttga gccctttctc acgttcattt attttattta 300 ataagcatta tatatcaggt attattcaaa gctctttaga aatctttaga catattaacc 360 catataattc tcttctctat agggaataga tatgattatt attgctattt tatggatgat 420 gaagctttct aaacatgtta tagccagtaa gtgttactat tctctcattc ctatctctgt 480 tetatettgt teeteeagat aatgtgatae tatgtggagg tttetgacea cagaga atg 539 Met 1

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Asn Phe Cys Gln Ser His Val Ile Leu His Thr Tyr Cys Glu His Met 180 185 190

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Gly Leu Thr Ala Ala Leu Leu Val Ile Gly Val Asp Leu Phe Cys Ile 210 215 220

Gly Leu Ser Tyr Ala Leu Ile Ala Gln Ala Val Leu Arg Leu Ser Ser 225 230 235 235

His Glu Ala Arg Ser Lys Ala Leu Gly Thr Cys Gly Ser His Val Cys 245 250 255

Val Ile Leu Ile Ser Tyr Thr Pro Ala Leu Phe Ser Phe Phe Thr His 260 265 270

Arg Phe Gly His His Val Pro Val His Ile His Ile Leu Leu Ala Asn 275 280 285

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- Leu Ala Ala Ile Asp Leu Ala Leu Ser Thr Ser Thr Met Pro Lys Ile 65 70 75 80
- Leu Ala Leu Phe Trp Phe Asp Ser Arg Glu Ile Thr Phe Asp Ala Cys 85 90 95
- Leu Ala Gln Met Phe Phe Ile His Ala Leu Ser Ala Ile Glu Ser Thr  $100 \hspace{1.5cm} 105 \hspace{1.5cm} 110 \hspace{1.5cm}$
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- Met Val Ala Leu Val Arg Gly Ser Leu Phe Phe Phe Pro Leu Pro Leu 145 150 150 160
- Leu Ile Lys Arg Leu Ala Phe Cys His Ser Asn Val Leu Ser His Ser 165 170 175
- Tyr Cys Val His Gln Asp Val Met Lys Leu Ala Tyr Thr Asp Thr Leu 180 185 190
- Pro Asn Val Val Tyr Gly Leu Thr Ala Ile Leu Leu Val Met Gly Val 195 200 205
- Asp Val Met Phe Ile Ser Leu Ser Tyr Phe Leu Ile Ile Arg Ala Val 210 215 220
- Leu Gln Leu Pro Ser Lys Ser Glu Arg Ala Lys Ala Phe Gly Thr Cys 235 230 235
- Val Ser His Ile Gly Val Val Leu Ala Phe Tyr Val Pro Leu Ile Gly 245 250 255
- Leu Ser Val Val His Arg Phe Gly Asn Ser Leu Asp Pro Ile Val His 260 265 270

Val Leu Met Gly Asp Val Tyr Leu Leu Leu Pro Pro Val Ile Asn Pro 275 280 285

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Arg Thr Glu Arg Ser Leu His Ala Pro Met Tyr Leu Phe Leu Cys Met 50 55 60

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Tyr Cys Val His Gln Asp Val Met Lys Leu Ala Tyr Ala Asp Thr Leu 180 185 190

Pro Asn Val Val Tyr Gly Leu Thr Ala Ile Leu Leu Val Met Gly Val 195 200 205

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260 265 270

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Val Pro Lys Met Leu Ala Ile Leu Trp Leu His Ala Gly Glu Ile Ser 85 90 95

Phe Gly Gly Cys Leu Ala Gln Met Phe Cys Val His Ser Ile Tyr Ala 100 105 110

Leu Glu Ser Ser Ile Leu Leu Ala Met Ala Phe Asp Arg Tyr Val Ala 115 120 125

Ile Cys Asn Pro Leu Arg Tyr Thr Thr Ile Leu Asn His Ala Val Ile 130 135 140

Gly Arg Ile Gly Phe Val Gly Leu Phe Arg Ser Val Ala Ile Val Ser 145 150 155 160

Pro Phe Ile Phe Leu Leu Arg Arg Leu Pro Tyr Cys Gly His Arg Val

165 170 175

Met Thr His Thr Tyr Cys Glu His Met Gly Ile Ala Arg Leu Ala Cys 180 185 190

Ala Asn Ile Thr Val Asn Ile Val Tyr Gly Leu Thr Val Ala Leu Leu 195 200 205

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Pro Ala Phe Phe Ser Phe Leu Thr His Arg Phe Gly His His Glu Val 260 265 270

Pro Lys His Val His Ile Phe Leu Ala Asn Leu Tyr Val Leu Val Pro 275 280 285

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Val Lys Leu Glu Pro Ser Leu His Gln Pro Met Tyr Phe Phe Leu Cys 50 55 60

Met Leu Ala Met Asn Asp Met Cys Leu Thr Cys Ser Thr Ala Leu Lys 65 70 75 80

Met Leu Gly Ile Phe Trp Phe Asp Glu His Trp Ile Asn Phe Asp Ala 85 90 95

Cys Leu Thr Gln Met Phe Phe Ile His Thr Leu Cys Ile Met Glu Ser 100 105 110

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